



US Army Corps
of Engineers
Honolulu District



KEKAHA BEACH SHORE PROTECTION KEKAHA, ISLAND OF KAUAI

Project Location. Kekaha Beach is located on the southwest coast of the island of Kauai near the town of Kekaha.

Authorization. The project was approved in July 1978 under Section 103 of the River and Harbor Act of 1962, as amended.

Local Sponsor. The local sponsor is the State of Hawaii, Department of Transportation.

Completed Work. The project consists of a 6,250-foot long rubble revetment with a crest elevation of 12 feet MLLW. The project was constructed of two layers of armor stones 1.5 to 2.5-ton, underlayer of 300- to 500-pound stones placed on a bedding of spalls to 50-pound stone. The existing dumped rock revetment was removed and reused for armor and underlayer stone in the revetment. The project was completed in May 1980. Repair of Hurricane Iwa damages to the revetment in November 1982 were completed in October 1983 at a cost of \$229,600 (federal funds) under the authority of Public Law 84-99. Total project cost was \$2,688,400 (federal: \$1,000,000; non-federal: \$1,688,400).

Present Status. Reimbursable assistance to the State of Hawaii, Department of Transportation, was provided in 1984-1985 to develop construction plans and specifications to protect an additional 5,000 feet of shoreline fronting Kaumualii Highway immediately to the south of the authorized Corps project.